

Rabbit anti-Human, Mouse GNAO1 Polyclonal Antibody | anti-GNAO1 antibody

GNAO1 Polyclonal Antibody

CATALOG # AAA37459	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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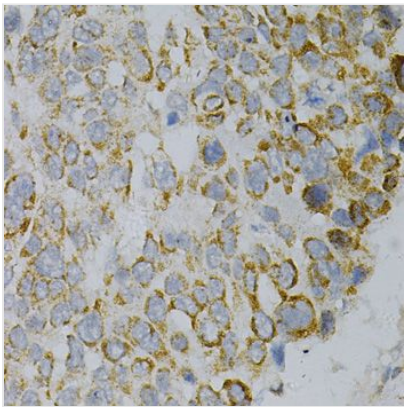
PRODUCT SYNONYMS

GNAO1; Polyclonal Antibody; GNAO1 Polyclonal Antibody; GNAO; EIEE17; G-ALPHA-o; anti-GNAO1 antibody

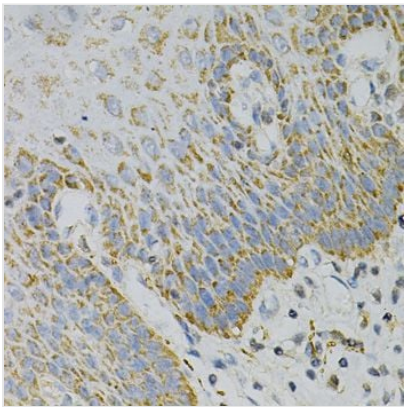
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-GNAO1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human GNAO1
Calculated Molecular Weight	40kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

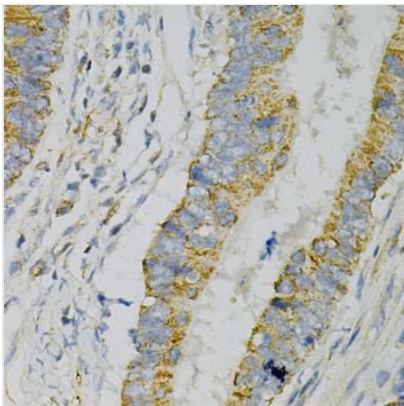
IMAGES



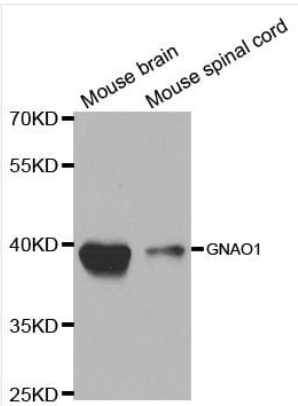
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophageal cancer using GNAO1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophagus using GNAO1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using GNAO1 Antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using GNAO1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-GNAO1 antibody	Heterotrimeric G proteins are membrane bound GTPases that are linked to 7-TM receptors. Each G protein contains an alpha-, beta- and gamma-subunit and is bound to GDP in the 'off' state. Ligand-receptor binding results in detachment of the G protein, switching it to an 'on' state and permitting Galpha activation of second messenger signalling cascades. There are several types of Galphas; Galphas and Galphai bind directly to adenylyl cyclase and stimulate or inhibit its activity, leading to an increase or decrease in cAMP levels respectively.
Product Categories/Family for anti-GNAO1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	232133
NCBI GeneID	2775
UniProt Accession #	P09471; P29777; Q8TD72; Q9UMV4
Molecular Weight	354
NCBI Official Full Name	Guanine nucleotide-binding protein G(o) subunit alpha
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
NCBI Official Symbol	GNAO1

NCBI Official Synonym Symbols	GNAO; EIEE17; G-ALPHA-o
NCBI Protein Information	guanine nucleotide-binding protein G(o) subunit alpha; guanine nucleotide-binding protein G(o) subunit alpha
UniProt Protein Name	Guanine nucleotide-binding protein G(o) subunit alpha
UniProt Gene Name	GNAO1
UniProt Entry Name	GNAO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnao1-antibody-immunohistochemistry-western-blot-elisa/37459>